

WHAT WE CLAIM IS

1. A traction drive power transmission device comprising: at least one driving roller, a driven roller, and a cylindrical shaft, wherein the shaft is held between
5 the driving roller and the driven roller and rotational force of the driving roller is transmitted to the shaft by rotating the driving roller so as to move the shaft in the axial direction, wherein

the traction drive power transmission device is
10 provided with a lubricator having applicators for applying lubricant only to contact portions of the shaft with the driving roller and the driven roller.

2. A traction drive power transmission device as claimed in claim 1, wherein said lubricator comprises a
15 reservoir which absorbs and stores lubricant and supplies the lubricant to said applicators, and a casing which accommodates the applicators and the reservoir.

3. A traction drive power transmission device as claimed in claim 2, wherein said casing is provided with a
20 concave portion which can be attached to and detached from said shaft in a direction perpendicular to the axial direction thereof and said applicators are disposed such that ends of the applicators project from a face of the concave portion opposed to the shaft.

25 4. A traction drive power transmission device as claimed in claim 3, wherein said driving roller and said driven roller are accommodated in a housing box, said shaft penetrates and extends from both ends of the housing box,

and said casing of the lubricator is attached to an end face
- where the shaft penetrates - of the housing box.

5. A traction drive power transmission device as
claimed in any one of claims 1 through 4, wherein said driving
5 roller is in contact with said shaft at at least two points
and the driven roller is in contact with said shaft at at
least one point.